



U.S. Department
of Transportation

**Federal Railroad
Administration**

Summary of Accidents Investigated By The Federal Railroad Administration Calendar Year 1988

ATTENTION

IF YOU WOULD LIKE TO RECEIVE A COPY OF "SUMMARY OF ACCIDENTS INVESTIGATED BY THE FEDERAL RAILROAD ADMINISTRATION", OR, IF YOU ARE ALREADY RECEIVING THE SUMMARY AND HAVE AN ADDRESS CHANGE, PLEASE COMPLETE THE FORM BELOW.

NAME _____

COMPANY NAME _____

STREET _____

CITY _____

STATE _____ ZIP CODE _____

SEND TO:

FEDERAL RAILROAD ADMINISTRATION
400 SEVENTH STREET, S.W.
ROOM 8301
WASHINGTON, D.C. 20590

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	ii
ACCIDENT SUMMARY	iii
ACCIDENT SUMMARY BY TRACK CLASS, DAMAGES, TYPE AND CAUSE.	iv
INVOLVEMENT OF TRAIN ACCIDENTS BY RAILROAD, TYPE, AND CAUSE (Total figures varying due to duplicate reporting). . . .	v
ACCIDENT LOCATION.	vi
ACCIDENT INVESTIGATION REPORTS	1

INTRODUCTION

The 1988 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 224 railroad accidents.

This summary provides the following information:

- o the railroad(s) involved
- o the location and the time of the accident
- o the type of railroad accident
- o the method of operation and movements involved
- o the speed involved
- o the type and class of track
- o the number of casualties
- o the estimated cost of railroad damages
- o the probable cause and any contributing factor(s).

The railroad codes used in this summary can be found in the FRA Guide for Preparing Accident/Incident Reports Appendix A.

Estimated railroad damage includes labor cost, and all other costs to repair or replace damaged on-track equipment, signals, track, track structures, or roadbed. The cost of lading and clearing the wreck, as well as the cost to society, is not included.

The data were edited and summarized by FRA personnel. The United States Government assumes no liability for its contents or use.

Federal Railroad Administration
Office of Safety, RRS-22
400 Seventh Street, S.W.
Washington, D.C. 20590

ACCIDENT SUMMARY

1. Accidents Investigated

During Calendar Year 1988, the Federal Railroad Administration investigated and determined the probable cause of 224 railroad accidents.

2. <u>Type of Accident</u>	<u>No.</u>	<u>Percent</u>
(a) Derailment	83	37.0
(b) Head-End Collision	7	3.1
(c) Rear-End Collision	13	5.8
(d) Side Collision	6	2.7
(e) Raking Collision	2	0.9
(f) Broken Train Collision	1	0.5
(g) Highway-Rail Crossing	95	42.3
(h) Railroad Grade Crossing	1	0.5
(i) Obstruction	5	2.2
(j) Locomotive	1	0.5
(k) Other	<u>10</u>	<u>4.5</u>
Total	224	100.0

3. Accident Cause

(a) Track Roadbed and Structure	26	11.6
(b) Mechanical and Electrical Failure	29	13.0
(c) Train Operation-Human Factor	55	24.6
(d) Miscellaneous	19	8.5
(e) Rail-Highway Crossing	<u>95</u>	<u>42.3</u>
Total	224	100.0

4. Casualties

	<u>No.</u>
(a) Killed	62
(b) Injured	<u>670</u>
Total	732

ACCIDENT SUMMARY BY TRACK CLASS, DAMAGES, TYPE AND CAUSE

TRACK CLASS	ACCI DENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLI SIONS	DERAIL MENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT CAUSE	HUMAN FACTORS	OTHER CAUSES
1	15	\$ 2,455,873	\$ 2,223,053	\$ 232,820	3	9	3	2	1	8	4
2	21	\$ 3,233,653	\$ 2,722,409	\$ 511,244	7	10	4	4	3	9	5
3	54	\$12,931,892	\$11,744,233	\$1,187,659	9	20	25	10	6	13	25
4	102	\$33,701,155	\$29,410,777	\$4,290,378	11	32	59	7	14	22	59
5	31	\$ 9,274,177	\$ 8,167,966	\$1,106,211	0	11	20	3	4	3	21
6	1	\$ 12,500	\$ 2,500	\$ 10,000	0	1	0	0	1	0	0
TOTAL	224	\$61,609,250	\$54,270,938	\$7,338,312	30	83	111	26	29	55	114

INVOLVEMENT OF TRAIN ACCIDENTS BY RAILROAD, TYPE, AND CAUSE

	.....COLLISIONS.....				.....DERAILMENTS.....				.....OTHER.....				TOTAL ACCID
	.....DEFECTS.....				.....DEFECTS.....				.....DEFECTS.....				
	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	
AMTRAK (NATIONAL RR PASSENGER CORP)	1	0	0	0	1	2	4	3	2	0	0	21	34
ATCHISON, TOPEKA AND SANTA FE	5	0	0	0	1	0	0	0	1	0	0	6	13
BURLINGTON NORTHERN	5	1	1	0	1	4	4	2	1	0	0	12	31
CHICAGO MISSOURI AND WESTWEN	0	0	0	0	0	0	2	1	0	0	0	1	4
CHICAGO AND NORTH WESTERN TRANSPORTATION	2	0	0	0	0	0	0	0	0	0	0	1	3
CANADIAN PACIFIC RAILWAY	0	0	0	0	0	1	0	0	0	0	0	0	1
CONSOLIDATED RAIL	6	0	0	0	2	3	2	3	1	0	0	10	27
CSX TRANSPORTATION	4	0	0	0	5	4	4	3	3	1	0	15	39
DENVER AND RIO GRANDE WESTERN	1	0	0	0	0	0	0	1	0	0	0	0	2
GRAND TRUNK WESTERN RAILROAD	0	0	0	0	0	0	0	0	0	0	0	1	1
IOWA INTERSTATE	1	0	0	0	0	0	0	0	0	0	0	0	1
ILLINOIS CENTRAL	0	0	0	0	0	0	0	0	0	0	0	2	2
ILLINOIS CENTRAL GULF	0	0	0	0	0	0	0	0	0	0	0	2	2
LOUISIANA AND ARKANSAS	0	0	0	0	0	0	1	0	0	0	0	0	1
LONG ISLAND	0	0	0	0	0	0	0	0	0	0	0	2	2
METRO NORTH COMMUTER	1	0	0	0	0	0	0	0	0	0	0	0	1
MISSOURI PACIFIC	0	0	0	0	0	0	2	0	0	0	0	1	3
MONTANA RAIL LINK	2	0	0	0	1	0	0	0	0	0	0	2	5
NORTHEAST ILLINOIS REGIONAL	0	0	0	0	0	0	0	0	0	0	0	1	1
NEW JERSEY TRANSIT RAIL	2	0	0	0	0	0	0	0	0	0	0	1	3
NORFOLK SOUTHERN CORPORATION	0	0	0	0	0	0	0	0	0	0	0	1	1
NORFOLK AND WESTERN	2	0	0	0	0	1	1	0	0	0	0	4	8
PADUCAH AND LOUISVILLE	0	0	0	0	0	0	1	0	0	0	0	0	1
PORT AUTHORITY TRANS HUDSON	0	0	0	0	1	0	0	0	0	0	0	0	1
PITTSBURGH AND LAKE ERIE	0	0	0	0	0	0	0	1	0	0	0	0	1
RICHMOND, FREDERICKSBURG AND POTOMAC	0	0	0	0	0	2	0	0	1	0	0	0	3
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION	2	0	0	0	0	0	0	0	0	0	0	2	4
SOO LINE	0	0	0	0	2	0	1	0	0	0	0	2	5
SOUTHERN RAILWAY	0	0	0	0	0	1	0	0	0	0	0	3	4
SOUTHERN PACIFIC TRANSPORTATION	3	0	0	0	0	2	2	0	0	0	0	11	18
ST. LOUIS SOUTHWESTERN RAILWAY	0	0	0	0	0	0	0	1	0	0	0	2	3
SPRINGFIELD TERMINAL RAILWAY	0	0	0	0	0	0	1	0	1	0	0	0	2
TRANSKENTUCKY TRANSPORTATION	0	0	0	0	0	0	0	0	0	0	0	1	1
UNION PACIFIC	3	0	0	0	4	8	4	2	1	0	0	15	37
WISCONSIN CENTRAL	0	0	0	0	0	0	1	0	1	0	0	1	3
TOTAL	40	1	1	0	18	28	30	17	12	1	0	120	268

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....	DATE	PAGE
1	ATK	WILMINGTON DE	01/04/88	1
2	CSX	GRAND RAPIDS MI	01/05/88	1
3	CSX	LAKE CITY FL	01/05/88	1
4	BN	MARSH MT	01/07/88	2
5	WC	L'ANSE MI	01/08/88	2
6	SP	CANTIL CA	01/09/88	2
7	SP	TALENT OR	01/10/88	3
8	BN MRL	HELENA JUNCTION MT	01/11/88	3
9	SEPA CR	NORRISTOWN PA	01/12/88	4
10	CSX	ACME NC	01/13/88	4
11	CR	THOMPSONTOWN PA	01/14/88	4
12	CR ATK	PLYMOUTH IN	01/15/88	5
13	UP	PEARSALL TX	01/17/88	5
14	ATSF	PICO RIVERA CA	01/22/88	5
15	CSX	ATLANTA GA	01/25/88	6
16	UP	BOYD IL	01/26/88	6
17	ATSF DRGW BN	DENVER CO	01/27/88	6
18	CMNW ATK	DWIGHT IL	01/28/88	7
19	BN	CORNING IA	01/29/88	7
20	ATK	CHESTER PA	01/29/88	7
22	CSX PLE	BEAVER PA	01/30/88	8
21	BN	RANCHESTER WY	01/30/88	8
23	BN MRL	GARRISON MT	01/31/88	8
25	SSW	OBAR NM	02/03/88	9
24	CP	JACKMAN ME	02/03/88	9
26	BN ATK	OMAHA NE	02/04/88	10
27	CR	POTSDAM NY	02/12/88	10
28	TTIS	MILLERSBURG KY	02/17/88	10
29	SP ATK	BURBANK JCT CA	02/17/88	11
32	RFP	NEWINGTON VA	02/18/88	12
30	NW	DAVY WV	02/18/88	11
31	SP	LANCASTER CA	02/18/88	11
33	UP	KUNA ID	02/19/88	12
34	CR	JONESBORO IN	02/22/88	12
35	ATK	WINDSOR LOCKS CT	02/24/88	13

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE
36	SOO	RIDGEFARM IL	02/28/88	13
37	CSX	BALTIMORE MD	02/28/88	13
38	ATSF	HESPERIA CA	03/01/88	14
39	UP	HENRYETTA OK	03/01/88	14
40	UP	ALEXANDRIA NE	03/03/88	14
41	BN	CLAUDE TX	03/04/88	15
42	CR	PORT CLINTON OH	03/06/88	15
43	CSX	SYKESVILLE MD	03/07/88	15
44	CSX	BILOXI MS	03/09/88	16
45	UP	CONWAY AR	03/17/88	16
46	UP BN	MOODY OR	03/18/88	16
47	CR	GALLITZIN PA	03/19/88	17
48	SOO	ANNANDALE MN	03/19/88	17
49	SP ATK	LAFAYETTE LA	03/20/88	17
50	NIRC	NEW LENOX IL	03/21/88	18
51	CNW	DIXON IL	03/21/88	18
52	CR	BRIGHTWOOD IN	03/26/88	19
53	SEPA	TIOGA PA	03/26/88	19
54	ATSF	FLAGSTAFF AZ	03/30/88	19
55	MNCW	WOODLAWN NY	04/06/88	20
56	NW	LORAIN OH	04/07/88	20
57	BN	BERRIAN WA	04/08/88	20
58	CSX	PROVIDENCE FORGE VA	04/10/88	21
59	ICG ATK	EDGEWOOD IL	04/11/88	21
60	ICG ATK	KANKAKEE IL	04/11/88	21
61	SP ATSF	CLIFF CA	04/12/88	22
62	UP	KEMMERER WY	04/17/88	22
63	CR	ELYRIA OH	04/18/88	23
64	CSX ATK	JACKSONVILLE FL	04/19/88	23
65	UP	PERLA AR	04/22/88	23
66	UP	PACIFIC MO	04/22/88	24
67	CR	WHITESBORO NY	04/23/88	24
68	SOU	GAINESVILLE GA	04/27/88	24
69	ATK SEPA	PHILADELPHIA PA	04/27/88	25

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE
70	SP	COLLATO TX	04/29/88	25
71	WC	ENSGN MI	05/02/88	26
72	CMNW	ROODHOUSE IL	05/03/88	26
73	ATK ST	AYER MA	05/04/88	26
74	CMNW	E ST LOUIS IL	05/04/88	27
76	NJTR	SOUTH AMBOY NJ	05/05/88	27
75	UP ATK	POCATELLO ID	05/05/88	27
77	BN	SPRINGFIELD MO	05/07/88	28
78	CR	PHILADELPHIA PA	05/11/88	28
79	CSX	CHILLICOTHE OH	05/12/88	28
81	MP	TUPELO OK	05/14/88	29
80	CSX	SUNFIELD MI	05/14/88	29
82	CSX ATK	PALATKA FL	05/15/88	29
84	CSX CR	LAUREL MD	05/18/88	30
83	CSX	LAKE LAND FL	05/18/88	30
85	CSX	HYNDMAN PA	05/20/88	31
87	BN	HERRIN IL	05/21/88	32
86	NJTR CR	FAIRLAWN NJ	05/21/88	31
88	ATSF	SOMMERVILLE TX	05/22/88	32
90	MRL	WEST END MT	05/25/88	33
89	CNW	CHICAGO IL	05/25/88	32
91	CSX	FLANAGAN KY	05/29/88	33
92	BN	SOUTH OMAHA NE	05/30/88	33
93	UP	DURANT OK	06/01/88	34
94	SP	THERMAL CA	06/03/88	34
97	ATK	WAVERLY MA	06/06/88	35
95	CR	HIGHSPIRE PA	06/06/88	34
96	CSX	DOCK WV	06/06/88	35
98	UP	BIG SPRINGS NE	06/07/88	35
99	UP	HERSHEY NE	06/08/88	36
101	UP	SOUTHPOINT MO	06/09/88	37
100	SP ATSF UP	WILMINGTON CA	06/09/88	36
103	SOO	LAKE CITY MN	06/11/88	37
104	UP	BUSHNELL NE	06/11/88	38
102	CSX	COLUMBUS OH	06/11/88	37
106	BN ATK	SPOKANE WA	06/12/88	38

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....	DATE	PAGE
105	UP	FISK MO	06/12/88	38
107	CNW	BARRINGTON IL	06/13/88	39
108	SSW	BIG SANDY TX	06/13/88	39
109	UP	ALFALFA CENTER NE	06/14/88	39
110	PATH	JERSEY CITY NJ	06/15/88	40
111	SEPA CR	PHILADELPHIA PA	06/18/88	40
112	BN	FITZHUGH OK	06/19/88	40
113	BN	CHEROKEE KS	06/21/88	41
114	CSX	CROFTON MI	06/22/88	41
115	UP	OGALLALA NE	06/26/88	41
117	ATK	BOSTON MA	07/01/88	42
116	CR	ASPINWALL PA	07/01/88	42
118	WC	MERRILL PA	07/04/88	42
119	BN	ESPANOLA WA	07/08/88	43
120	RFP ATK	HAMILTON VA	07/09/88	43
121	NJTR	MURRY HILL NJ	07/12/88	43
122	BN	PECK MS	07/17/88	44
123	ATSF	COURTLAND KS	07/20/88	44
124	BN ATK	BELTON MT	07/23/88	44
125	CR ATK	ROCHESTER NY	07/24/88	45
126	UP	WILMOT AR	07/24/88	45
127	UP	ROUND ROCK TX	07/27/88	45
128	CR CSX	BARBERTON OH	07/28/88	46
130	IC	SENATOBIA MS	07/28/88	47
129	RFP ATK	ASHLAND VA	07/28/88	46
131	IAIS	ALTOONA IA	07/30/88	47
132	CSX	ISOM KY	07/31/88	47
133	CSX	BIDWELL PA	08/01/88	48
134	UP	BRAZORIA TX	08/02/88	48
135	NW	GILLESPIE VA	08/03/88	48
136	IC ATK	HERNANDO MS	08/04/88	49
137	CR	PERRYSVILLE OH	08/04/88	49
138	BN ATK	SACO MT	08/05/88	49
140	CSX	ELBERTON GA	08/08/88	50
139	UP	KYLE TX	08/08/88	50
141	BN	EAST GRAND FORKS MN	08/09/88	50

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....	DATE	PAGE
142	SOO	ELM GROVE WI	08/10/88	51
143	SP	CHINA TX	08/15/88	51
144	UP	MOSIER OR	08/16/88	51
143	CR	EAST PALESTINE OH	08/20/88	52
146	CSX ATK	TAFT FL	08/23/88	52
147	UP	BOYD MO	08/23/88	52
148	LI	HUNTINGTON NY	08/25/88	53
149	CSX	SINGLETON TN	08/27/88	53
150	UP	WARNER WT	08/27/88	54
151	SP	FERRIS TX	08/28/88	54
152	LI	MONTAUK NY	08/29/88	54
153	SSW	ALTHEIMER AR	09/03/88	55
155	UP	WEISER ID	09/04/88	55
154	CSX ATK	SHERMAN FL	09/04/88	55
156	SP	CASA GRANDE AZ	09/05/88	56
157	ATSF ATK	WILLOW SPRINGS IL	09/07/88	56
158	NW	HARVEY OH	09/07/88	56
159	BN	MCCOOK NE	09/13/88	57
160	CSX ATK	PETERSBURG VA	09/14/88	57
161	CSX	JACKSONVILLE FL	09/15/88	57
162	MRL	LOMBARD MT	09/19/88	58
163	UP	SLOAN NV	09/22/88	58
164	ATSF	FORT WORTH TX	09/23/88	58
165	MP	ALICIA AR	09/24/88	59
166	CSX	IRVINGTON IN	09/25/88	59
167	SP	SOLEDAD CA	09/27/88	59
168	CR ATK	LIMA OH	09/30/88	60
169	SP	MARICOPA AZ	10/02/88	60
170	UP	COEUR DALENE ID	10/02/88	60
171	CR	JEANNETTE PA	10/03/88	61
172	ST	MECHANICVILLE NY	10/03/88	61
173	UP	EL PINAL CA	10/04/88	61
175	NW	INGLESIDE WV	10/08/88	62
174	BN	FRUITLAND TX	10/08/88	62
177	NW	SPRINGFIELD IL	10/13/88	63

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....	DATE	PAGE
176	PAL	VINE GROVE KY	10/13/88	62
179	CR ATK	PITTSBORO IN	10/15/88	63
178	CSX ATK	PARKTON NC	10/15/88	63
180	SOU	HAYWOOD SC	10/16/88	64
181	BN	RUSSELL IA	10/19/88	64
182	CSX	FOSTORIA OH	10/20/88	64
183	CSX	NORTON SHORES MI	10/22/88	65
184	CSX ATK	LOWELL IN	10/23/88	65
185	CR	CORRY PA	10/24/88	65
186	NW	ALPAVISTA VA	10/24/88	66
188	MP LA	MORGANZA LA	10/26/88	66
187	CMNW	PEARL IL	10/26/88	66
189	CR	KEATING PA	10/29/88	67
190	ATSF	SAN BERNARDINO CA	10/29/88	67
191	NW	JACK VA	10/29/88	67
193	SP	NEWCASTLE CA	11/02/88	68
192	BN	CHANA IL	11/02/88	68
194	CSX	GULFPORT MS	11/03/88	68
195	SP	LORDSBURG NM	11/10/88	69
196	UP	LAYTON UT	11/11/88	69
197	BN	VALLEY CITY ND	11/14/88	69
199	CSX	CARARA AL	11/16/88	70
198	NS	GREENS FORK IN	11/16/88	70
200	ATSF	LUBBOCK TX	11/17/88	70
204	UP	MINIDOKA ID	11/18/88	72
201	UP	SAN ANTONIO TX	11/18/88	71
202	CR	SOUTH BYRON NY	11/18/88	71
203	GTW	HARVEY IL	11/18/88	71
205	CSX	HANCEVILLE AL	11/19/88	72
206	BN	BEREA ND	11/22/88	72
207	UP	MINEOLA TX	11/25/88	73
208	SOU	MCDONOUGH GA	11/28/88	73
209	UP	MINTHORN OR	11/30/88	73
210	SP	BELLAIRE TX	12/01/88	74

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....	DATE	PAGE
211	SOO	MILTONA MN	12/05/88	74
213	CSX	NORTH BALTIMORE OH	12/06/88	75
212	CR	CARTERET NJ	12/06/88	74
214	UP	HIGGINSON AR	12/07/88	75
215	CSX	BIG SANDY KY	12/08/88	75
216	BN	LYONS ND	12/11/88	76
217	SOU	RAMSEY IN	12/13/88	76
218	ATSF	FLAGSTAFF AR	12/14/88	76
219	BN	STANTON MO	12/15/88	77
220	MRL	BOZEMAN MT	12/19/88	77
221	SP	MONTCLAIR CA	12/19/88	78
222	DRGW ATK	ALLEN CO	12/25/88	78
223	BN ATK	CHICAGO IL	12/28/88	78
224	BN	BAKER AR	12/31/88	79

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK	01/04/88	6:33 AM	WILMINGTON	DE	DERAILMENT	0	0	\$ 12,500
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	6					
1		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	PASSENGER TRAIN	130	90 MPH
			AUTO TRAIN CONTROL					
		EQUIPMENT DERAILED:	1 CAR(S)					
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. AMT 7614, A COACH.								
CSX	01/05/88	4:00 PM	GRAND RAPIDS	MI	HIGHWAY-RAIL CROSSING	5	1	\$ 3,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
2		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	XR333	40 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CSX	01/05/88	6:10 PM	LAKE CITY	FL	BROKEN TRAIN COLLISION	0	0	\$ 512,900
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
3		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	R602	30 MPH
		EQUIPMENT DERAILED:	19 CAR(S)					
PROBABLE CAUSE: FOR REASON(S) UNKNOWN THE 47TH AND 48TH CARS UNCOUPLED RESULTING IN A TRAIN SEPARATION AND THE REAR END OF THE TRAIN RUNNING INTO THE HEAD END OF THE TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	01/07/88	10:40 PM	MARSH	MT	REAR-END COLLISION	0	0	\$ 190,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
4			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6777	0 MPH
				TIME TABLE		FREIGHT TRAIN	X2345	30 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF CREW ON EXTRA 2345 EAST TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								

WC	01/08/88	6:00 PM	L'ANSE	MI	OTHER	0	0	\$ 268,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
5			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	583	10 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	11 CAR(S)				
PROBABLE CAUSE: FAILURE TO APPLY SUFFICIENT NUMBER OF HAND BRAKES ON CARS LEFT ON A 2.75 PERCENT DESCENDING GRADE.								

SP	01/09/88	12:01 AM	CANTIL	CA	HIGHWAY-RAIL CROSSING	1	0	\$ 16,801
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
6			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7524	39 MPH
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	5 CAR(S)				
PROBABLE CAUSE: FAILURE OF THE TRACTOR-TRAILER OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	01/10/88	3:45 PM	TALENT	OR	DERAILMENT	0	0	\$ 153,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
7			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7416	24 MPH
				TIME TABLE				
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				27 CAR(S)				

PROBABLE CAUSE: A STIFF TRUCK ON LOCOMOTIVE SP8354 RESULTING FROM BINDING BETWEEN THE TRUCK AND CENTER CASTING.

BN	01/11/88	10:40 PM	HELENA JUNCTION	MT	HEAD-END COLLISION	0	2	\$ 35,000
MRL			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
8			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6364	0 MPH
				TIME TABLE		LIGHT LOCO(S)	X6315	16 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: THE FAILURE OF THE CREW OF EXTRA 6315 WEST TO APPLY HANDBRAKES AND AIRBRAKES ON THE UNATTENDED LOCOMOTIVE CONSIST.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SEPA CR	01/12/88	1:40 PM	NORRISTOWN	PA	HEAD-END COLLISION	0	7	\$ 185,230
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	1					
9		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	PASSENGER TRAIN	0626	0 MPH
			TIME TABLE			SINGLE CAR		20 MPH
		EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)					
			1 CAR(S)					

PROBABLE CAUSE: FAILURE OF A CONRAIL MECHANICAL DEPARTMENT EMPLOYEE TO PROPERLY SECURE STANDING HOPPER CAR.

CONTRIBUTING FACTORS: DERAILED FAILED TO FUNCTION AS INTENDED.

CSX	01/13/88	7:25 PM	ACME	NC	SIDE COLLISION	0	3	\$ 135,200
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	2					
10		METHOD OF OPERATION:	YARD LIMITS		MOVEMENTS INVOLVED:	FREIGHT TRAIN	F-708	20 MPH
			TIME TABLE			CUT OF CAR(S)		0 MPH
		EQUIPMENT DERAILED:	7 CAR(S)					
			1 CABOOSE(S)					

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW TO STOP SHORT OF CARS IN YARD LIMITS.

CR	01/14/88	7:55 AM	THOMPSONTOWN	PA	HEAD-END COLLISION	4	2	\$ 2,064,617
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
11		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X5017	30 MPH
			CAB SIGNAL			FREIGHT TRAIN	X6265	42 MPH
			AUTO TRAIN STOP					
			TIME TABLE					
		EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)					
			33 CAR(S)					

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 6265 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR ATK	01/15/88	9:48 AM	PLYMOUTH	IN	HIGHWAY-RAIL CROSSING	1	0	\$ 60,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
12	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	29	65 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE TRACTOR-TRAILER OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

UP	01/17/88	12:20 AM	PEARSALL	TX	HIGHWAY-RAIL CROSSING	3	1	\$ 200
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
13	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED:	FREIGHT TRAIN	A1211	32 MPH
			TRACK WARRANT CONTROL					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

ATSF	01/22/88	10:35 PM	PICO RIVERA	CA	REAR-END COLLISION	1	2	\$ 1,961,050
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
14	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X5338	0 MPH
			TIME TABLE			FREIGHT TRAIN	X2856	34 MPH
	EQUIPMENT DERAILED:		6 LOCOMOTIVE(S)					
			4 CAR(S)					

PROBABLE CAUSE: A FALSE PROCEED SIGNAL INDICATION DUE TO IMPROPER WIRING IN THE SIGNAL SYSTEM.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	01/25/88	1:15 PM	ATLANTA	GA	OTHER	0	2	\$ 65,200
	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		2					
15	METHOD OF OPERATION:		YARD RULES	MOVEMENTS INVOLVED:	LIGHT LOCO(S)	R676	0 MPH	
			TIME TABLE		CUT OF CAR(S)		25 MPH	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
			5 CAR(S)					

PROBABLE CAUSE: FAILURE OF CREWMEMBERS TO PROPERLY SECURE EQUIPMENT.

UP	01/26/88	10:50 AM	BOYD	IL	DERAILMENT	0	0	\$ 698,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
16	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3400	50 MPH	
	EQUIPMENT DERAILED:		21 CAR(S)					

PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. UPFE 457999.

ATSF DRGW BN	01/27/88	12:45 PM	DENVER	CO	RAKING COLLISION	0	0	\$ 65,200
	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		1					
17	METHOD OF OPERATION:		YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3615	0 MPH	
			SPECIAL INSTRUCTIONS		YARD/SWITCHING	141	30 MPH	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S)					
			9 CAR(S)					

PROBABLE CAUSE: FAILURE TO COMPLY WITH SPECIAL OPERATING INSTRUCTIONS REQUIRING SUFFICIENT OPERATIVE AIR BRAKES TO STOP A YARD MOVEMENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CMNW ATK	01/28/88	9:40 AM	DWIGHT	IL	HIGHWAY-RAIL CROSSING	1	0	\$ 11,737
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
18			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	311	59 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	TRACK PERMIT CONTROL SYSTEM				
				NONE				

PROBABLE CAUSE: FAILURE OF THE DUMP TRUCK DRIVER TO STOP THE VEHICLE AT THE CROSSING.

BN	01/29/88	9:58 AM	CORNING	IA	OBSTRUCTION	0	0	\$ 22,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
19			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3130	15 MPH
				TIME TABLE		MOW EQUIPMENT	430	0 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE DISPATCHER TO PROPERLY PROTECT TRACK AND TIME LIMITS GRANTED TO MAINTENANCE-OF-WAY VEHICLE AS REQUIRED BY CARRIER RULE 351(A).

ATK	01/29/88	12:34 AM	CHESTER	PA	OBSTRUCTION	0	31	\$ 3,296,150
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
20			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	66	85 MPH
				CAB SIGNAL		MOW EQUIPMENT	4249	0 MPH
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				10 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE OPERATOR TO LINE THE SWITCH IN REVERSE POSITION PRIOR TO DISPLAYING SIGNAL.

CONTRIBUTING FACTORS: (1) FAILURE OF THE OPERATOR TO COMPLY WITH THE TRAIN ORDER AND REMOVED BLOCKING DEVICES WITHOUT CONTACTING DISPATCHER FOR APPROVAL. (2) UNAUTHORIZED USE OF CONTROLLED SUBSTANCES BY THE BLOCK OPERATOR.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	01/30/88	8:55 PM	RANCHESTER	WY	DERAILMENT	0	0	\$ 564,600
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
21			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6710	60 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	26 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON CAR NO. BN 321265, A BOX CAR.								

CSX PLE	01/30/88	2:17 PM	BEAVER	PA	DERAILMENT	0	4	\$ 1,426,807
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
22			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8635	36 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				11 CAR(S)				
PROBABLE CAUSE: VANDALS OPENED FACING POINT HAND OPERATED SWITCH IN FACE OF APPROACHING TRAIN AFTER TRAIN HAD PASSED LAST INTERMEDIATE SIGNAL NO. 283.								

BN MRL	01/31/88	1:50 PM	GARRISON	MT	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
23			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8024	45 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CP	02/03/88	11:15 AM	JACKMAN	ME	DERAILMENT	0	0	\$ 976,765
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
24			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X4717	50 MPH
				AUTOMATIC BLOCK				
				TIME TABLE				
			EQUIPMENT DERAILED:	29 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON CAR NO. MPA 39680, A BOX CAR.								

SSW	02/03/88	7:05 AM	OBAR	NM	DERAILMENT	0	0	\$ 474,900
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
25			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7876	50 MPH
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	23 CAR(S)				
PROBABLE CAUSE: LOAD SHIFTED; SHEET STEEL PLATES FELL FROM THE "A" END TO THE "B" END OF CAR NO. TTPX 82502, CAUSING THE CAR TO DERAIL.								

CONTRIBUTING FACTORS: THE METHOD OF SECUREMENT OF THE STEEL PLATES.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN ATK	02/04/88	7:30 AM	OMAHA	NE	SIDE COLLISION	0	34	\$ 595,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
26		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3059	5 MPH
			TIME TABLE			PASSENGER TRAIN	1006	50 MPH
		EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)					
			10 CAR(S)					

PROBABLE CAUSE: FAILURE OF THE CREW OF ATK PASSENGER TRAIN NO. 1006 TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

CR	02/12/88	11:55 PM	POTSDAM	NY	HIGHWAY-RAIL CROSSING	3	0	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
27		METHOD OF OPERATION:	MANUAL BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	SEMC1	40 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

TTIS	02/17/88	7:35 AM	MILLERSBURG	KY	HIGHWAY-RAIL CROSSING	0	27	\$ 100
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	2					
28		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED:	LIGHT LOCO(S)	X261	24 MPH
			TRAIN ORDERS					
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE SCHOOL BUS OPERATOR TO REMAIN STOPPED AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP ATK	02/17/88	10:43 AM	BURBANK JCT	CA	HIGHWAY-RAIL CROSSING	1	0	\$ 6,009
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
29	METHOD OF OPERATION:		DIRECT TRAFFIC CONTROL		MOVEMENTS INVOLVED:	PASSENGER TRAIN	X230	45 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

NW	02/18/88	8:02 AM	DAVY	WV	REAR-END COLLISION	0	3	\$ 848,700
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
30	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3291	0 MPH
			TIME TABLE			FREIGHT TRAIN	X8589	22 MPH
	EQUIPMENT DERAILED:		5 LOCOMOTIVE(S) 7 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 8589 TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								
CONTRIBUTING FACTORS: IMPAIRMENT OF THE HEAD BRAKEMAN BY THE USE OF ALCOHOL.								

SP	02/18/88	11:55 PM	LANCASTER	CA	HIGHWAY-RAIL CROSSING	4	0	\$ 150
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
31	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7306	51 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
RFP	02/18/88	6:20 PM	NEWINGTON	VA	DERAILMENT	0	0	\$ 353,620
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
32			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	192	50 MPH
				CAB SIGNAL		CUT OF CAR(S)		0 MPH
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	20 CAR(S)				
PROBABLE CAUSE: A WORN BODY CENTER PLATE ON CAR NO. PC 598926 (A-END) RESULTED IN TRACK HUNTING FORCING WEST WHEEL OF TRAILING TRUCK TO MOUNT THE BALL OF THE RAIL AND DERAIL.								

UP	02/19/88	3:30 PM	KUNA	ID	HIGHWAY-RAIL CROSSING	3	0	\$ 1,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
33			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X36	52 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

CR	02/22/88	12:50 AM	JONESBORO	IN	HIGHWAY-RAIL CROSSING	3	2	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
34			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	INLA1	27 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK	02/24/88	8:53 AM	WINDSOR LOCKS	CT	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
35			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	495	25 MPH
				TIME TABLE				
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SOO	02/28/88	3:50 PM	RIDGEFARM	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
36			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6450	40 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CSX	02/28/88	10:57 AM	BALTIMORE	MD	DERAILMENT	0	0	\$ 114,983
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
37			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RF326	13 MPH
			EQUIPMENT DERAILED:	4 CAR(S)				
PROBABLE CAUSE: UNDETERMINED								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	03/01/88	1:00 AM	HESPERIA	CA	OTHER	0	2	\$ 15,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
38			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6323	15 MPH
				TRACK WARRANT CONTROL		CUT OF CAR(S)		0 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE ORIGINAL CREWMEMBERS TO GIVE THE DISPATCHER A CORRECT LOCATION OF THE STANDING CARS AND TO PLACE TORPEDOES ON THE RAIL 1/4 MILE IN ADVANCE OF THE DETACHED PORTION OF THE TRAIN TO SERVE AS A WARNING TO RETURNING RELIEF CREWMEMBERS.

UP	03/01/88	4:40 PM	HENRYETTA	OK	HIGHWAY-RAIL CROSSING	3	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
39			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CSACD	49 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: A POSSIBLE CONTRIBUTING FACTOR WAS THE GRAVEL ROAD WHICH MADE IT DIFFICULT TO GET TRACTION.

UP	03/03/88	10:50 PM	ALEXANDRIA	NE	DERAILMENT	0	0	\$ 436,619
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
40			METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3583	48 MPH
				AUTO TRAIN STOP				
				TRAFFIC CONTROL				
				TIME TABLE				
			EQUIPMENT DERAILED:	27 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	0		

PROBABLE CAUSE: EXCESSIVE WARP CONDITIONS CONTRIBUTING TO WHEEL CLIMB.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	03/04/88	8:20 AM	CLAUDE	TX	DERAILMENT	0	0	\$ 200,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
41	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3000	40 MPH
			TRACK WARRANT CONTROL					
	EQUIPMENT DERAILED:		28 CAR(S)					
	HAZARDOUS MATERIALS RELEASED:		YES		NUMBER EVACUATED:	0		
PROBABLE CAUSE: A BROKEN RAIL, DETAIL FRACTURE.								
CR	03/06/88	11:32 AM	PORT CLINTON	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 100
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
42	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	3226	47 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CSX	03/07/88	1:50 AM	SYKESVILLE	MD	DERAILMENT	0	0	\$ 44,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
43	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X407	24 MPH
	EQUIPMENT DERAILED:		29 CAR(S)					
PROBABLE CAUSE: WIDE GAGE RESULTING FROM RAIL MOVEMENT ON THE HIGH SIDE OF THE CURVE BECAUSE OF NOT BEING ANCHOR SPIKED ON A 7-DEGREE 48-MINUTE CURVE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	03/09/88	10:25 PM	BILOXI	MS	HIGHWAY-RAIL CROSSING	2	0	\$ 228
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
44			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X5347	45 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
UP	03/17/88	6:20 AM	CONWAY	AR	HIGHWAY-RAIL CROSSING	1	0	\$ 14,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
45			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		GLNEP	35 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
UP BN	03/18/88	2:45 PM	MOODY	OR	HEAD-END COLLISION	0	1	\$ 49,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
46			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X2469	0 MPH
				TIME TABLE	FREIGHT TRAIN		X6350	10 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: UP EXTRA 2469 WEST OCCUPIED THE MAIN TRACK WITHOUT AUTHORITY.								
CONTRIBUTING FACTORS: FAILURE OF BURLINGTON NORTHERN EXTRA 6350 EAST TO OPERATE AT RESTRICTED SPEED, IN ACCORDANCE WITH SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	03/19/88	6:30 AM	GALLITZIN	PA	DERAILMENT	0	0	\$ 7,150
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
47	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3262	0 MPH
			CAB SIGNAL					
			TIME TABLE					
	EQUIPMENT DERAILED:		2 CAR(S)					

PROBABLE CAUSE: THE FAILURE OF THE CREW TO APPLY A SUFFICIENT NUMBER OF HAND BRAKES ON THE REAR PORTION OF TRAIN TO PROPERLY SECURE TRAIN ON A 1.76 PER CENT DESCENDING GRADE.

SOO	03/19/88	7:35 AM	ANNANDALE	MN	DERAILMENT	0	0	\$ 457,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
48	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	743	38 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		33 CAR(S)					

PROBABLE CAUSE: EXCESSIVE LATERAL FORCE FROM UNDETERMINED SOURCE RESULTED IN SPREAD TRACK.

SP ATK	03/20/88	4:15 PM	LAFAYETTE	LA	HIGHWAY-RAIL CROSSING	1	0	\$ 1,500
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
49	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	2	69 MPH
			DIRECT TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NIRC	03/21/88	10:31 AM	NEW LENOX	IL	HIGHWAY-RAIL CROSSING	0	17	\$ 597,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
50			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	510	60 MPH
				CAB SIGNAL				
				TIME TABLE				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				3 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO REMAIN STOPPED AT THE CROSSING.

CNW	03/21/88	11:56 AM	DIXON	IL	HEAD-END COLLISION	0	8	\$ 145,750
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
51			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X5096	23 MPH
				CAB SIGNAL		FREIGHT TRAIN	X4321	20 MPH
				TIME TABLE				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF EXTRA 5096 EAST TO OPERATE IN ACCORDANCE WITH CAB SIGNAL INDICATIONS, REQUIRING OPERATION AT RESTRICTED SPEED.

CONTRIBUTING FACTORS: (1) THE ENGINEER OF EXTRA 5096 EAST CIRCUMVENTED THE ATC BY CUTTING OUT THE BRAKE PIPE CUT-OUT COCK. (2) IMPAIRMENT OF THE TRAIN DISPATCHER BY ALCOHOL.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	03/26/88	5:35 AM	BRIGHTWOOD	IN	HIGHWAY-RAIL CROSSING	5	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
52			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3270	38 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.

SEPA	03/26/88	6:30 PM	TIOGA	PA	OTHER	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
53			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		6567	50 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: PASSENGER LOST FOOTING AND FELL FROM DOORWAY WHILE TRAIN WAS MOVING.

CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE PASSENGER BY ALCOHOL.

ATSF	03/30/88	6:38 PM	FLAGSTAFF	AZ	SIDE COLLISION	0	4	\$ 1,063,775
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
54			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X5378	46 MPH
				TIME TABLE	FREIGHT TRAIN		X3813	33 MPH
			EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)				
				13 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 3813 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MNCW	04/06/88	7:56 AM	WOODLAWN	NY	REAR-END COLLISION	1	5	\$ 3,107,186
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
55			METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	1132	0 MPH
				TRAFFIC CONTROL		PASSENGER TRAIN	1028	60 MPH
				TIME TABLE				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	9 LOCOMOTIVE(S)				
PROBABLE CAUSE: FAILURE OF THE ENGINEER ON TRAIN NO. 1028 TO COMPLY WITH TWO WAYSIDE BLOCK SIGNALS.								
CONTRIBUTING FACTORS: FAILURE OF THE ENGINEER ON TRAIN NO. 1028 TO ENGAGE THE AUTOMATIC TRAIN CONTROL SWITCH.								
NW	04/07/88	11:50 PM	LORAIN	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 284
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
56			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1320	48 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO REMAIN STOPPED AT THE CROSSING.								
BN	04/08/88	12:30 PM	BERRIAN	WA	DERAILMENT	0	0	\$ 867,853
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
57			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6810	28 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	24 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	0		
PROBABLE CAUSE: A SEVERE RUN-IN WHICH OCCURRED AS A RESULT OF AN EMERGENCY BRAKE APPLICATION TO AVOID AN ACCIDENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	04/10/88	5:35 PM	PROVIDENCE FORGE	VA	DERAILMENT	0	0	\$ 455,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
58			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		25209	49 MPH
			EQUIPMENT DERAILED:	40 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON CAR NO. LN 186025, A HOPPER CAR.								
ICG ATK	04/11/88	5:26 PM	EDGEWOOD	IL	HIGHWAY-RAIL CROSSING	4	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
59			METHOD OF OPERATION:	AUTOMATIC BLOCK AUTO TRAIN STOP TIME TABLE	MOVEMENTS INVOLVED: PASSENGER TRAIN		392	77 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
ICG ATK	04/11/88	8:58 PM	KANKAKEE	IL	HIGHWAY-RAIL CROSSING	1	0	\$ 8,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
60			METHOD OF OPERATION:	TRAFFIC CONTROL TIME TABLE	MOVEMENTS INVOLVED: PASSENGER TRAIN		392	79 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP ATSF	04/12/88	6:30 AM	CLIFF	CA	SIDE COLLISION	0	0	\$ 86,800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
61			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8273	10 MPH
				TIME TABLE		FREIGHT TRAIN	X5956	10 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				5 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF SP EXTRA 8273 WEST TO CONTROL THE SPEED OF THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

UP	04/17/88	11:05 PM	KEMMERER	WY	DERAILMENT	0	0	\$ 93,100
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
62			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3616	10 MPH
						FREIGHT TRAIN	X2433	0 MPH
			EQUIPMENT DERAILED:	6 CAR(S)				

PROBABLE CAUSE: THE FAILURE OF THE CREW OF EXTRA 2433 WEST TO CUT IN THE AIR BRAKE EQUIPMENT ON A REMAINING LOCOMOTIVE WHEN REMOVING THE CONTROLLING LOCOMOTIVE FROM THE TRAIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	04/18/88	12:37 AM	ELYRIA	OH	DERAILMENT	0	0	\$ 235,002
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
63			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	3338	40 MPH
						FREIGHT TRAIN	3304	38 MPH
			EQUIPMENT DERAILED:	40 CAR(S)				
PROBABLE CAUSE: EXCESSIVE SLACK ACTION RESULTING FROM EMERGENCY BRAKE APPLICATION.								

CSX ATK	04/19/88	6:48 PM	JACKSONVILLE	FL	DERAILMENT	0	7	\$ 8,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
64			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	52	8 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
PROBABLE CAUSE: FAILURE OF THE CREWMEMBERS OF TRAIN NO. 52 TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								

UP	04/22/88	12:55 PM	PACIFIC	MO	DERAILMENT	0	0	\$ 34,600
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
65			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X4232	15 MPH
				TIME TABLE		FREIGHT TRAIN	X2168	0 MPH
			EQUIPMENT DERAILED:	9 CAR(S)				
PROBABLE CAUSE: A SEVERE RUN-IN ACTION CAUSED BY AN EMERGENCY APPLICATION OF THE TRAIN AIR BRAKES.								
CONTRIBUTING FACTORS: PLACEMENT OF THE MAJORITY OF THE HEAVY CARS ON THE REAR OF THE TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	04/22/88	9:50 PM	PERLA	AR	HIGHWAY-RAIL CROSSING	1	0	\$ 57,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
66			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		CHDAZ	50 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CR	04/23/88	12:52 PM	WHITESBORO	NY	HIGHWAY-RAIL CROSSING	2	0	\$ 1,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
67			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		SET03	50 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SOU	04/27/88	9:12 PM	GAINESVILLE	GA	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
68			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		173	35 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK SEPA	04/27/88	11:41 PM	PHILADELPHIA	PA	OBSTRUCTION	0	13	\$ 33,675
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
69			METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	598	35 MPH
				TRAFFIC CONTROL				
				AUTO TRAIN STOP				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: ABANDONED AUTOMOBILE FOULING THE TRACK.

CONTRIBUTING FACTORS: FAILURE OF AMTRAK TOWER OPERATOR TO FOLLOW CARRIER'S INTERLOCKING RULE WHICH REQUIRED HIM TO DISPLAY A STOP SIGNAL AND IMMEDIATELY ATTEMPT TO CONTACT ANY TRAIN INVOLVED, WHEN INFORMED OF ANY OBSTRUCTION IN THE BLOCK

SP	04/29/88	11:28 AM	COLLATO	TX	DERAILMENT	0	0	\$ 753,160
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
70			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7517	64 MPH
			EQUIPMENT DERAILED:	25 CAR(S)				

PROBABLE CAUSE: A SUBGRADE CONDITION CAUSED DETERIORATION UNDER THE NORTH RAIL, THEREBY CAUSING A PORTION OF THE TRACK TO COLLAPSE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
WC	05/02/88	12:30 AM	ENSGN	MI	DERAILMENT	0	0	\$ 691,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
71	METHOD OF OPERATION:		TIME TABLE	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X6533	42 MPH
			TRACK WARRANT CONTROL					
	EQUIPMENT DERAILED:		30 CAR(S)					
PROBABLE CAUSE: BROKEN 90 LB. JOINTED RAIL AS A RESULT OF AN OLD EIGHT INCH BASE DEFECT WHICH SPREAD TO THE WEB.								
CMNW	05/03/88	4:45 AM	ROODHOUSE	IL	DERAILMENT	0	0	\$ 44,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
72	METHOD OF OPERATION:		TIME TABLE	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X3014	15 MPH
			TRACK PERMIT CONTROL SYSTEM					
	EQUIPMENT DERAILED:		5 CAR(S)					
	HAZARDOUS MATERIALS RELEASED:		YES	NUMBER EVACUATED:		1000		
PROBABLE CAUSE: THE INTERACTION OF LATERAL/VERTICAL FORCES (HARMONIC ROCK OFF).								
ATK ST	05/04/88	1:40 PM	AYER	MA	DERAILMENT	0	0	\$ 264,500
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
73	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	JET 2	10 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		4 CAR(S)					
PROBABLE CAUSE: A BROKEN SWITCH POINT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CMNW	05/04/88	6:40 AM	E ST LOUIS	IL	DERAILMENT	0	0	\$ 7,880
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
74			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	SINGLE CAR	Y-141	5 MPH
			EQUIPMENT DERAILED:	3 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	0		
PROBABLE CAUSE: A BROKEN RAIL; TRANSVERSE FISSURE.								
UP ATK	05/05/88	3:10 AM	POCATELLO	ID	DERAILMENT	0	0	\$ 4,839
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
75			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	26	12 MPH
			EQUIPMENT DERAILED:	TIME TABLE 1 CAR(S)				
PROBABLE CAUSE: A BROKEN SWITCH POINT.								
NJTR	05/05/88	2:57 PM	SOUTH AMBOY	NJ	REAR-END COLLISION	0	32	\$ 50,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
76			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	5326	0 MPH
			EQUIPMENT DERAILED:	TIME TABLE		WORK TRAIN	X4101	10 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF NJTR WORK EXTRA NO. 4101 TO COMPLY WITH AN INTERLOCKED SIGNAL AND OPERATE AT RESTRICTED SPEED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/07/88	12:30 AM	SPRINGFIELD	MO	REAR-END COLLISION	0	4	\$ 33,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
77			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3114	18 MPH
				TIME TABLE		LIGHT LOCO(S)		32 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				2 CAR(S)				

PROBABLE CAUSE: A LOW VOLTAGE GROUND IN THE LOOM OF WIRING IN THE LOCOMOTIVE REMOTE CONTROL LOCOTROL INTERFACE PANEL LOCATED IN THE NOSE OF LOCOMOTIVE BN 6916, CAUSED THE UNATTENDED LOCOMOTIVES TO RUN-AWAY AND STRIKE BN TRAIN NO. X3114.

CR	05/11/88	2:40 AM	PHILADELPHIA	PA	DERAILMENT	0	3	\$ 185,800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
78			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	SEPYO	40 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				15 CAR(S)				

PROBABLE CAUSE: VANDALISM DUE TO A SWITCH BEING LINED AGAINST TRAIN MOVEMENT.

CSX	05/12/88	7:05 AM	CHILLICOTHE	OH	DERAILMENT	0	0	\$ 315,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
79			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8261	23 MPH
			EQUIPMENT DERAILED:	17 CAR(S)				

PROBABLE CAUSE: A BROKEN RAIL; TRANSVERSE FISSURE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/14/88	10:40 AM	SUNFIELD	MI	HIGHWAY-RAIL CROSSING	3	0	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
80		METHOD OF OPERATION:	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	P-903	50 MPH
			TIME TABLE					
			DIRECT TRAFFIC CONTROL					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
MP	05/14/88	7:55 AM	TUPELO	OK	DERAILMENT	0	0	\$ 725,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
81		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED:	FREIGHT TRAIN	CCDSA	38 MPH
			TRAIN ORDERS					
		EQUIPMENT DERAILED:	31 CAR(S)					
PROBABLE CAUSE: A BROKEN RAIL (TRANSVERSE FRACTURE).								
CSX ATK	05/15/88	4:36 PM	PALATKA	FL	HIGHWAY-RAIL CROSSING	1	1	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
82		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	PASSENGER TRAIN	PO 88	37 MPH
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/18/88	4:18 PM	LAKELAND	FL	HIGHWAY-RAIL CROSSING	2	0	\$ 150
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
83			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		R-171	60 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.

CSX CR	05/18/88	3:25 PM	LAUREL	MD	OBSTRUCTION	0	2	\$ 44,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
84			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		PYSE8	28 MPH
				TIME TABLE	WORK TRAIN		DC-1	0 MPH
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE OPERATOR TO DELIVER ALL OF THE REQUIRED TRAIN ORDERS, AND THE FAILURE OF THE CONDUCTOR AND ENGINEER TO ASCERTAIN THAT THE TRAIN ORDERS RECEIVED CORRESPONDED WITH THOSE SPECIFIED ON THE CLEARANCE FORM A.

CONTRIBUTING FACTORS: THE CONDUCTOR'S USE OF A CONTROLLED SUBSTANCE AND HIS DECISION TO ISOLATE HIMSELF IN A TRAILING LOCOMOTIVE AND LEAVE THE ENGINEER WITH ONLY AN UNQUALIFIED BRAKEMAN IN THE CONTROL COMPARTMENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/20/88	9:55 PM	HYNDMAN	PA	REAR-END COLLISION	0	0	\$ 116,000
			TYPE OF TRACK:	SIDING				
			CLASS OF TRACK:	2				
85			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8411	0 MPH
				TIME TABLE		FREIGHT TRAIN	X6157	35 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				2 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF TRAIN EXTRA 6157 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

NJTR CR	05/21/88	12:42 AM	FAIRLAWN	NJ	HEAD-END COLLISION	1	1	\$ 38,995
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
86			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	WJSF	0 MPH
				TIME TABLE		FREIGHT TRAIN	ELO19	32 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				

PROBABLE CAUSE: DISPATCHING ERROR; THE NJTR MAIN LINE DISPATCHER PROVIDED CLEAR BLOCK AUTHORITY FOR TRAIN ELO1-9 TO OPERATE ON TRACK NO. 1, ENTERING THE BLOCK OCCUPIED BY TRAIN WJSF-37.

CONTRIBUTING FACTORS: USE OF CONTROLLED SUBSTANCE BY THE DISPATCHER MAY HAVE CONTRIBUTED TO THE CAUSE OF THE ACCIDENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/21/88	10:20 AM	HERRIN	IL	HIGHWAY-RAIL CROSSING	3	3	\$ 250
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
87		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7009	40 MPH
			TRACK WARRANT CONTROL					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	05/22/88	5:27 PM	SOMMERVILLE	TX	HIGHWAY-RAIL CROSSING	5	0	\$ 850
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
88		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		15072	41 MPH
			TRACK WARRANT CONTROL					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CNW	05/25/88	8:45 AM	CHICAGO	IL	SIDE COLLISION	0	0	\$ 35,900
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	1					
89		METHOD OF OPERATION:	INTERLOCKING		MOVEMENTS INVOLVED: PASSENGER TRAIN		36	5 MPH
			TIME TABLE		PASSENGER TRAIN		616	2 MPH
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: THE FAILURE OF THE FIREMAN TO OPERATE TRAIN NO. 616 IN ACCORDANCE WITH SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	05/25/88	3:55 PM	WEST END	MT	REAR-END COLLISION	0	0	\$ 56,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
90	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X8528	0 MPH
			TIME TABLE			FREIGHT TRAIN	X8586	3 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE ASSISTANT ENGINEER TO CONTROL TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								

CSX	05/29/88	11:50 AM	FLANAGAN	KY	DERAILMENT	0	0	\$ 371,600
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
91	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	R211	43 MPH
	EQUIPMENT DERAILED:		8 CAR(S)					
PROBABLE CAUSE: IRREGULAR TRACK ALINEMENT; THE SCHEDULED OPERATING SPEED WAS EXCESSIVE FOR THE CURVATURE AND ELEVATION IN THE CURVE AT THE POINT OF DERAILMENT.								

BN	05/30/88	9:20 AM	SOUTH OMAHA	NE	DERAILMENT	0	0	\$ 84,150
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
92	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	8507	25 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		13 CAR(S)					
PROBABLE CAUSE: A BROKEN SIDE SILL ON THE "D" UNIT OF FLATCAR DTTX 63021.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/01/88	3:05 PM	DURANT	OK	HIGHWAY-RAIL CROSSING	1	1	\$ 3,150
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
93	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	FWNP	46 MPH
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

SP	06/03/88	3:15 PM	THERMAL	CA	HIGHWAY-RAIL CROSSING	2	0	\$ 15,300
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
94	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7368	50 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CR	06/06/88	4:33 PM	HIGHSPIRE	PA	DERAILMENT	0	0	\$ 312,250
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
95	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6386	49 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		25 CAR(S)					

PROBABLE CAUSE: FAILURE OF THE ENGINEER OF EXTRA 6386 EAST TO OPERATE THE TRAIN IN ACCORDANCE WITH A 10 MPH FORM "D" SPEED RESTRICTION.

CONTRIBUTING FACTORS: (1)CONDUCTOR AND BRAKEMAN FAILED TO TAKE ACTION TO ASSURE COMPLIANCE WITH THE FORM "D" SPEED RESTRICTION (2)SPEED SIGNS NOT IN SERVICE, AND INFORMATION ON FORM "D" FAILED TO INFORM THE CREW ON EXTRA 6386 EAST THAT SPEED SIGNS WERE NOT IN SERVICE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	06/06/88	5:15 PM	DOCK	WV	DERAILMENT	0	0	\$ 444,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
96			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8610	44 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	27 CAR(S)				

PROBABLE CAUSE: IMPROPER SWIVELING OF THE TRUCKS ON HOPPER CAR HELX 580067, DUE TO THE TRUCK BOLSTER CENTER PLATE CASTING ON THE A AND B ENDS WEARING INTO THE CAR BODY CENTER PLATE CASTING, PREVENTING PROPER TRUCK ROTATION WHILE NEGOTIATING A CURVE.

ATK	06/06/88	4:20 PM	WAVERLY	MA	OTHER	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
97			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: PASSENGER TRAIN		467	10 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: LOST FOOTING, SLIPPED.

UP	06/07/88	8:27 AM	BIG SPRINGS	NE	DERAILMENT	0	0	\$ 710,972
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
98			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		OANP5	62 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	41 CAR(S)				

PROBABLE CAUSE: EXCESSIVE BUFF FORCES GENERATED BY DYNAMICS INDUCED BY TRAIN MAKEUP.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/08/88	2:18 PM	HERSHEY	NE	DERAILMENT		0	\$ 627,318
		TYPE OF TRACK:	SIDING					
		CLASS OF TRACK:	3					
99		METHOD OF OPERATION:	CAB SIGNAL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6043	30 MPH
			TRAFFIC CONTROL					
			AUTO TRAIN STOP					
			TIME TABLE					
		EQUIPMENT DERAILED:	28 CAR(S)					

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT; BUCKLED TRACK. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 98 DEGREES F.

SP	06/09/88	10:15 PM	WILMINGTON	CA	RR GRADE CROSSING	0	4	\$ 36,300
ATSF								
UP								
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	2					
100		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2284	10 MPH
			YARD LIMITS		FREIGHT TRAIN		X177	6 MPH
			SPECIAL INSTRUCTIONS					
		EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)					
			1 CABOOSE(S)					

PROBABLE CAUSE: FAILURE OF THE CREW OF UP EXTRA 177 SOUTH, AFTER STOPPING, TO PRECEDE THE MOVEMENT BY SENDING A FLAGMAN TO THE CROSSING TO GIVE A SIGNAL IF IT WAS SAFE TO PROCEED IN ACCORDANCE WITH RULE NO. 98.

CONTRIBUTING FACTORS: FAILURE OF THE CREW OF ATSF EXTRA 2284 EAST TO APPROACH THE RAILROAD AT GRADE CROSSING PREPARED TO STOP, IN ACCORDANCE WITH RULE NO. 93.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/09/88	2:10 PM	SOUTHPOINT	MO	DERAILMENT	0	0	\$ 26,300
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
101		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3661	35 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	11 CAR(S)					

PROBABLE CAUSE: AN UNDESIRED EMERGENCY APPLICATION OF TRAIN AIR BRAKES CAUSED A SEVERE RUN-IN OF SLACK FROM THE REAR OF THE TRAIN, CAUSING THE LEAD WHEEL OF THE TRAILING TRUCK OF THE 48TH HEAD CAR TO LIFT OFF THE RAIL.

CSX	06/11/88	12:13 PM	COLUMBUS	OH	DERAILMENT	0	0	\$ 252,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
102		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2684	26 MPH
		EQUIPMENT DERAILED:	14 CAR(S)					

PROBABLE CAUSE: UNDETERMINED.

SOO	06/11/88	2:00 PM	LAKE CITY	MN	DERAILMENT	0	0	\$ 489,300
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
103		METHOD OF OPERATION:	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6386	44 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	20 CAR(S)					

PROBABLE CAUSE: EXCESSIVE SPEED CAUSING THE TRACK TO BUCKLE UNDER THE TRAIN.

CONTRIBUTING FACTORS: TEMPERATURE OF 84 F, RECENT SPOT SURFACING BY TRACK FORCES, AND THE HEAVY CORRUGATION OF RAIL THAT HAD PROMPTED THE REDUCED SPEED ORDER OF 25 MPH.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/11/88	3:45 PM	BUSHNELL	NE	DERAILMENT	0	0	\$ 266,262
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
104		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9027	60 MPH
			CAB SIGNAL					
			AUTO TRAIN STOP					
			TIME TABLE					
		EQUIPMENT DERAILED:	16 CAR(S)					

PROBABLE CAUSE: THE CWR TRACK BUCKLED UNDER THE MOVING TRAIN. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 87 DEGREES F.

UP	06/12/88	10:05 AM	FISK	MO	HIGHWAY-RAIL CROSSING	4	1	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
105		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		INFW	53 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

BN ATK	06/12/88	2:55 AM	SPOKANE	WA	HIGHWAY-RAIL CROSSING	1	1	\$ 300
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
106		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		1008	60 MPH
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CNW	06/13/88	6:35 AM	BARRINGTON	IL	HIGHWAY-RAIL CROSSING	1	0	\$ 8,400
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
107		METHOD OF OPERATION:	AUTOMATIC BLOCK AUTO TRAIN STOP TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		612	50 MPH
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SSW	06/13/88	7:05 PM	BIG SANDY	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
108		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9218	48 MPH
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
UP	06/14/88	4:15 PM	ALFALFA CENTER	NE	DERAILMENT	0	0	\$ 60,700
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
109		METHOD OF OPERATION:	TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5056	20 MPH
		EQUIPMENT DERAILED:	13 CAR(S)					
PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON BOX CAR NO. MP 366299.								
CONTRIBUTING FACTORS: THE FAILURE OF THE SCANNER OPERATOR TO DETECT A 5.5-MILLIMETER VARIANCE BETWEEN THE NORTH AND SOUTH JOURNALS ON THE DETECTOR TAPE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
PATH	06/15/88	10:51 PM	JERSEY CITY	NJ	DERAILMENT	0	0	\$ 54,713
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
110	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED:	PASSENGER TRAIN	1037	15 MPH
			AUTOMATIC BLOCK					
			AUTO TRAIN STOP					
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
PROBABLE CAUSE: FAILURE OF THE MOTORMAN TO MAINTAIN THE REQUIRED SPEED OF 8 MPH UNTIL THE TRAIN WAS CLEAR OF THE INTERLOCKING.								

SEPA CR	06/18/88	6:12 PM	PHILADELPHIA	PA	REAR-END COLLISION	0	35	\$ 6,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
111	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	1845	0 MPH
			TIME TABLE			FREIGHT TRAIN	REL-2	3 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE CREWMEMBERS OF CONRAIL TRAIN NO. REL-2 TO PROTECT LEADING END OF SHOVING MOVEMENT.								

BN	06/19/88	9:20 AM	FITZHUGH	OK	HIGHWAY-RAIL CROSSING	3	1	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
112	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	05318	45 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	06/21/88	1:05 PM	CHEROKEE	KS	HIGHWAY-RAIL CROSSING	7	0	\$ 950
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
113	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	1390	45 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CSX	06/22/88	6:20 PM	CROFTON	MI	DERAILMENT	0	0	\$ 733,050
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
114	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	R592	35 MPH
	EQUIPMENT DERAILED:		37 CAR(S)					
	HAZARDOUS MATERIALS RELEASED:		YES	NUMBER EVACUATED:	4500			

PROBABLE CAUSE: FAILURE OF THE CREW OF TRAIN R592 TO REDUCE THE SPEED OF THEIR TRAIN OVER THE 10MPH SPEED RESTRICTION.

CONTRIBUTING FACTORS: THE CARRIER'S CENTRALIZED DISPATCHING SYSTEM FAILED TO PROVIDE THE CREW OF TRAIN R592 WITH THE REQUIRED TWO LEGIBLE COPIES OF TRAIN BULLETIN NO. 28531

UP	06/26/88	8:45 PM	OGALLALA	NE	DERAILMENT	0	0	\$ 1,128,187
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
115	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3377	50 MPH
			TRAFFIC CONTROL					
			TIME TABLE					
	EQUIPMENT DERAILED:		54 CAR(S)					

PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. RUSX 510033, A COVERED HOPPER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	07/01/88	3:25 AM	ASPINWALL	PA	DERAILMENT	0	0	\$ 15,450
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
116			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RA113	38 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	31 CAR(S)				
PROBABLE CAUSE: BROKEN RAIL; VERTICAL SPLIT HEAD 26 INCHES LONG IN THE 131LB CWR.								

ATK	07/01/88	2:25 PM	BOSTON	MA	DERAILMENT	0	0	\$ 667,200
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
117			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	846	15 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	1 CAR(S)				
PROBABLE CAUSE: HIGH LATERAL FORCE APPLIED TO THE A-END OF COACH XMBT-303 DERAILED THE A-END TRUCK WHEN THE COACH PASSED OVER THE FROG AT SWITCH 63B, AMTRAK SOUTH STATION. THIS FORCE DEVELOPED WHEN B-END OF COACH XMBT-313 ENGAGED AND RESTRICTED THE MOVEMENT OF THE END OF COACH XMBT-303. THE B-END BUFFER PLATE HAD BEEN REMOVED FROM COACH XMBT-313 AND THIS RESULTED IN BUFFER PLATE ATTACHMENT RODS ON THE END OF THE COACH TO ENGAGE AND TO LOCK TO THE A-END BUFFER PLATE OF COACH XMBT-303.								

WC	07/04/88	10:30 PM	MERRILL	WI	HIGHWAY-RAIL CROSSING	5	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
118			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6534	25 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON CAR NO. ATK 2087.

CONTRIBUTING FACTORS: DISPATCHER FAILED TO SCRUTINIZE HOT BOX DETECTOR TAPES.

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	07/17/88	11:25 AM	PECK	MS	HIGHWAY-RAIL CROSSING	2	6	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
122		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8586	50 MPH
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	07/20/88	10:30 PM	COURTLAND	KS	HIGHWAY-RAIL CROSSING	1	0	\$ 4,750
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
123		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		LM104	15 MPH
			TRACK WARRANT CONTROL					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
BN ATK	07/23/88	7:45 AM	BELTON	MT	DERAILMENT	0	1	\$ 33,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
124		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		1008	23 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	5 CAR(S)					
PROBABLE CAUSE: A BROKEN RAIL, RESULTING FROM A DETAIL FRACTURE OF APPROXIMATELY 30-PERCENT IN THE BALL OF THE RAIL.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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CR ATK	07/24/88	8:27 PM	ROCHESTER	NY	HIGHWAY-RAIL CROSSING	1	0	\$ 0
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TYPE OF TRACK: MAIN

CLASS OF TRACK: 5

125	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	65	79 MPH
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EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO REMAIN STOPPED AT THE CROSSING.

UP	07/24/88	12:36 AM	WILMOT	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 0
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TYPE OF TRACK: MAIN

CLASS OF TRACK: 4

126	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	AVNL	45 MPH
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TIME TABLE

EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.

UP	07/27/88	8:05 AM	ROUND ROCK	TX	DERAILMENT	0	0	\$ 17,850
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TYPE OF TRACK: SIDING

CLASS OF TRACK: 3

127	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	XFWLD	8 MPH
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EQUIPMENT DERAILED: 6 CAR(S)

PROBABLE CAUSE: A WORN WHEEL FLANGE ON CAR ATSF 313313.

CONTRIBUTING FACTORS: LATERAL AND VERTICAL FORCES RESULTING FROM THE APPLICATION OF THE TRAIN AIR BRAKES.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR CSX	07/28/88	6:10 AM	BARBERTON	OH	RAKING COLLISION	1	3	\$ 505,000
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
128	METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:		FREIGHT TRAIN	6392S	0 MPH	
		TIME TABLE			FREIGHT TRAIN	8316N	37 MPH	
	EQUIPMENT DERAILED:	4 LOCOMOTIVE(S) 20 CAR(S)						

PROBABLE CAUSE: FAILURE OF THE CREW OF CSX FREIGHT TRAIN NO. 6392 SOUTH TO PROVIDE FLAG PROTECTION ON ADJACENT TRACKS AFTER RECEIVING AN EMERGENCY BRAKE APPLICATION IN ACCORDANCE WITH CARRIER RULE NO. 102.

RFP ATK	07/28/88	10:00 AM	ASHLAND	VA	OBSTRUCTION	0	1	\$ 27,100
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
129	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:		PASSENGER TRAIN	94	70 MPH	
		CAB SIGNAL			MOW EQUIPMENT	46	0 MPH	
		TIME TABLE						
		AUTO TRAIN CONTROL						
	EQUIPMENT DERAILED:	NONE						

PROBABLE CAUSE: DISPATCHER ERROR; DISPATCHER AUTHORIZED RFP HI-RAIL VEHICLE TO OCCUPY NO.3 MAIN TRACK WHILE INTENDING THE AUTHORITY FOR NO. 2 TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
IC	07/28/88	8:08 AM	SENATOBIA	MS	HIGHWAY-RAIL CROSSING	3	0	\$ 400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
130			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3067	35 MPH
				TRACK PERMIT CONTROL SYSTEM				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

IAIS	07/30/88	11:45 AM	ALTOONA	IA	HEAD-END COLLISION	2	2	\$ 661,018
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
131			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X470	UNK MPH
				TRAIN ORDERS	FREIGHT TRAIN		X406	15 MPH
			EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)				
				15 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	2500		

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 406 EAST TO COMPLY WITH TRAIN ORDER NO. 213, DEPARTING ALTOONA APPROXIMATELY 20 MINUTES AHEAD OF THE TIME SPECIFIED BY TRAIN ORDER.

CSX	07/31/88	3:32 PM	ISOM	KY	HIGHWAY-RAIL CROSSING	2	0	\$ 100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
132			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		C929	28 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	08/01/88	3:02 AM	BIDWELL	PA	DERAILMENT	0	0	\$ 478,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
133			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8388	34 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	19 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; RESULTING FROM AN OVERHEATED ROLLER BEARING ON CAR NO. MMID 1006, A BOX CAR.								
UP	08/02/88	9:00 PM	BRAZORIA	TX	DERAILMENT	0	0	\$ 518,880
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
134			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		LHC10	38 MPH
			EQUIPMENT DERAILED:	13 CAR(S)				
PROBABLE CAUSE: UNDETERMINED.								
NW	08/03/88	10:10 AM	GILLESPIE	VA	REAR-END COLLISION	0	0	\$ 9,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
135			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8582	0 MPH
				TIME TABLE	FREIGHT TRAIN		X1609	18 MPH
			EQUIPMENT DERAILED:	4 CAR(S)				
PROBABLE CAUSE: FAILURE OF THE ENGINEER OF EXTRA 1609 WEST TO OPERATE HIS TRAIN IN ACCORDANCE WITH A RESTRICTING SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
IC ATK	08/04/88	7:53 AM	HERNANDO	MS	HIGHWAY-RAIL CROSSING	1	0	\$ 5,622
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
136	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: PASSENGER TRAIN		59	74 MPH
			TRACK PERMIT CONTROL SYSTEM					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CR	08/04/88	9:40 PM	PERRYSVILLE	OH	DERAILMENT	0	0	\$ 1,265,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
137	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		6334	52 MPH
	EQUIPMENT DERAILED:		46 CAR(S)					
	HAZARDOUS MATERIALS RELEASED:		YES		NUMBER EVACUATED: 40			
PROBABLE CAUSE: UNDETERMINED.								
BN ATK	08/05/88	3:15 PM	SACO	MT	DERAILMENT	0	142	\$ 2,728,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
138	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		1007	79 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		10 CAR(S)					
PROBABLE CAUSE: TRACK ALIGNMENT IRREGULAR (BUCKLED).								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	08/08/88	12:00 PM	KYLE	TX	HIGHWAY-RAIL CROSSING	2	3	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
139			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		A1Z07	50 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CSX	08/08/88	1:25 PM	ELBERTON	GA	DERAILMENT	0	29	\$ 1,687,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
140			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		R666	60 MPH
			EQUIPMENT DERAILED:	58 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED: 250			

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW TO PROPERLY CONTROL THE SPEED OF CSX TRAIN NO. R666-08.

BN	08/09/88	3:35 PM	EAST GRAND FORKS	MN	HIGHWAY-RAIL CROSSING	2	0	\$ 2,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
141			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1897	44 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOO	08/10/88	1:00 PM	ELM GROVE	WI	DERAILMENT	0	0	\$ 808,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
142			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6618	38 MPH
				TIME TABLE				
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	24 CAR(S)				
PROBABLE CAUSE: IMPROPER TRAIN BRAKING PROCEDURES.								

SP	08/15/88	9:40 AM	CHINA	TX	HIGHWAY-RAIL CROSSING	3	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
143			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1AXAV	52 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

UP	08/16/88	7:35 PM	MOSIER	OR	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
144			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3470	45 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: THE PLACEMENT OF RAILROAD FREIGHT CARS ON AN ADJACENT SIDING SO THAT THE VIEW FROM THE CROSSING WAS SUBSTANTIALLY RESTRICTED, IN NON-COMPLIANCE WITH CARRIER OPERATING RULE 103(C).

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	08/20/88	1:30 AM	EAST PALESTINE	OH	REAR-END COLLISION	0	4	\$ 442,174
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
145			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8189	0 MPH
				TIME TABLE		FREIGHT TRAIN	X6247	48 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				18 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF TRAIN NO. EXTRA 6247 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

CSX ATK	08/23/88	1:57 PM	TAFT	FL	HIGHWAY-RAIL CROSSING	2	0	\$ 50
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
146			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	881	79 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

UP	08/23/88	3:30 PM	BOYD	MO	REAR-END COLLISION	0	2	\$ 31,325
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
147			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3677	0 MPH
				TIME TABLE		FREIGHT TRAIN	X2233	25 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				4 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 2233 WEST TO CONTROL THE SPEED OF THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
LI	08/25/88	7:54 PM	HUNTINGTON	NY	HIGHWAY-RAIL CROSSING	0	15	\$ 2,764,840
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
148			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	657	50 MPH
				CAB SIGNAL				
				TIME TABLE				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				5 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO REMOVE THE LOW-BOY TRAILER FROM THE CROSSING.

CONTRIBUTING FACTORS: THE MALFUNCTIONING OF ONE OF THE VEHICLE'S HYDRAULIC CYLINDER JACKS.

CSX	08/27/88	2:55 PM	SINGLETON	TN	DERAILMENT	0	0	\$ 678,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
149			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	U374	34 MPH
			EQUIPMENT DERAILED:	30 CAR(S)				

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED); CWR WAS NOT ADJUSTED FOR A TEMPERATURE RANGE THAT WOULD NOT RESULT IN COMPRESSIVE FORCES THAT COULD PRODUCE LATERAL TRACK DISPLACEMENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	08/27/88	9:40 PM	WARNER	UT	HIGHWAY-RAIL CROSSING	2	0	\$ 7,268
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
150	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9000	56 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.								
SP	08/28/88	2:15 PM	FERRIS	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
151	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		1HODA	40 MPH
			TIME TABLE					
			DIRECT TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
LI	08/29/88	12:26 AM	MONTAUK	NY	OTHER	1	0	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
152	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		4018	7 MPH
			TRAIN ORDERS					
			YARD LIMITS					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE DETAINED PASSENGER TO REMAIN IN THE DESIGNATED SAFE AREA OF THE STATION PLATFORM AND AVOID THE PATH OF THE MOVING LOCOMOTIVE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	09/03/88	10:15 AM	ALTHEIMER	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 11,489
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
153		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		1PBS0	48 MPH
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CSX ATK	09/04/88	9:57 AM	SHERMAN	FL	HIGHWAY-RAIL CROSSING	2	0	\$ 7,410
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
154		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		91	79 MPH
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

UP	09/04/88	4:57 PM	WEISER	ID	HIGHWAY-RAIL CROSSING	2	1	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
155		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9186	44 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	09/05/88	11:56 AM	CASA GRANDE	AZ	HIGHWAY-RAIL CROSSING	3	0	\$ 0
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
156		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7833	60 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
ATSF ATK	09/07/88	4:34 PM	WILLOW SPRINGS	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 13,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	5					
157		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		4	79 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
NW	09/07/88	11:45 AM	HARVEY	OH	HIGHWAY-RAIL CROSSING	1	2	\$ 36,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
158		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		40212	50 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	09/13/88	11:10 AM	MCCOOK	NE	HIGHWAY-RAIL CROSSING	2	0	\$ 506,980
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
159			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8551	58 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				22 CAR(S)				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CSX ATK	09/14/88	3:35 PM	PETERSBURG	VA	HIGHWAY-RAIL CROSSING	1	0	\$ 10,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
160			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: PASSENGER TRAIN		90	79 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE TRACTOR-TRAILER AT THE CROSSING.								
CSX	09/15/88	2:06 AM	JACKSONVILLE	FL	DERAILMENT	0	2	\$ 496,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
161			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		R-602	67 MPH
			EQUIPMENT DERAILED:	26 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED: 34			
PROBABLE CAUSE: BUFFING OR SLACK ACTION EXCESSIVE								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	09/19/88	5:55 PM	LOMBARD	MT	OTHER	1	1	\$ 21,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
162			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: WORK TRAIN		X1515	5 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				1 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CONTRACTOR TO ADEQUATELY SECURE EQUIPMENT TO CLEAR THE OVERHEAD BRIDGE SPAN.

UP	09/22/88	8:30 PM	SLOAN	NV	DERAILMENT	0	1	\$ 219,483
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
163			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X9130	30 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	14 CAR(S)				

PROBABLE CAUSE: BINDING AT THE ARTICULATED PIN CONNECTIONS BETWEEN PLATFORM UNITS DTTE 72102 AND DTTD 72102, DUE TO LACK OF LUBRICATION AND ROUGHNESS OF THE MALE PORTION OF THE CASTING AND THE FOLLOWING BLOCK, INCREASED LATERAL FORCES SUFFICIENT TO CAUSE THE WHEEL TO CLIMB THE HIGH RAIL OF A 4-DEGREE 59-MINUTE CURVE.

ATSF	09/23/88	6:12 PM	FORT WORTH	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 183
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
164			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		2-305	40 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MP	09/24/88	11:15 AM	ALICIA	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 200
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
165	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	CHHOZ	60 MPH
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CSX	09/25/88	2:52 PM	IRVINGTON	IN	HIGHWAY-RAIL CROSSING	2	0	\$ 300
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
166	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6278	28 MPH
			TIME TABLE					
			YARD LIMITS					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

SP	09/27/88	11:00 AM	SOLEDAD	CA	HIGHWAY-RAIL CROSSING	1	0	\$ 233
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
167	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	3329	49 MPH
			TIME TABLE					
			DIRECT TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR ATK	09/30/88	7:16 AM	LIMA	OH	HIGHWAY-RAIL CROSSING	1	0	\$ 400
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
168	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	29	30 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SP	10/02/88	1:15 AM	MARICOPA	AZ	HIGHWAY-RAIL CROSSING	4	0	\$ 5,678
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
169	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X9400	60 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
UP	10/02/88	7:58 PM	COEUR DALENE	ID	HIGHWAY-RAIL CROSSING	2	1	\$ 400
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
170	METHOD OF OPERATION:		TRACK WARRANT CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2451	40 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: VEHICLE OPERATOR FAILED TO YIELD RIGHT OF WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	10/03/88	2:25 PM	JEANNETTE	PA	DERAILMENT	0	0	\$ 110,613
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
171			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MAIL4	43 MPH
				TIME TABLE		FREIGHT TRAIN	ZWW11	40 MPH
			EQUIPMENT DERAILED:	29 CAR(S)				
PROBABLE CAUSE: A BROKEN DRAFT SILL ON CAR NO. PC 500047, A GONDOLA CAR.								

ST	10/03/88	11:05 PM	MECHANICVILLE	NY	OTHER	0	0	\$ 45,000
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
172			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	EDME	6 MPH
				RADIO				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE TO HAVE EMPLOYEES RIDE LEADING END OF CAR BEING SHOVED AND FAILURE OF THE TRAINMASTER TO PROTECT MOVEMENT AS STATED TO TRAIN CREW.								

UP	10/04/88	10:55 AM	EL PINAL	CA	DERAILMENT	0	0	\$ 59,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
173			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3674	19 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	22 CAR(S)				
PROBABLE CAUSE: BINDING AT THE ARTICULATED PIN CONNECTIONS BETWEEN PLATFORM UNITS OF DTTX 72126, DUE TO THE LACK OF LUBRICATION, INCREASED LATERAL FORCES SUFFICIENT TO ROLL THE INSIDE RAIL CAUSING THE DERAILEMENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	10/08/88	3:55 AM	FRUITLAND	TX	HIGHWAY-RAIL CROSSING	4	0	\$ 1,250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
174			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01262	56 MPH
				TIME TABLE				
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
NW	10/08/88	1:50 AM	INGLESIDE	WV	DERAILMENT	0	0	\$ 317,313
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
175			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	60819	16 MPH
				TIME TABLE		FREIGHT TRAIN	60194	28 MPH
			EQUIPMENT DERAILED:	32 CAR(S)				
PROBABLE CAUSE: A BROKEN FIELD WELD ON THE SOUTH RAIL, RESULTING IN A 14 1/2-INCH SEGMENT OF RAIL BEING DISPLACED.								
PAL	10/13/88	3:45 AM	VINE GROVE	KY	DERAILMENT	0	0	\$ 152,570
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
176			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	PL-4	30 MPH
				TRACK PERMIT CONTROL SYSTEM				
			EQUIPMENT DERAILED:	12 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	20		
PROBABLE CAUSE: A BROKEN 112LB RAIL (DETAIL FRACTURE) UNDER MOVEMENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	10/13/88	3:10 PM	SPRINGFIELD	IL	HIGHWAY-RAIL CROSSING	3	2	\$ 466
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
177	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X2853	40 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTORS: A HOUSE LOCATED NEAR THE CROSSING OBSTRUCTS THE VIEW OF THE DRIVER OF A NORTHBOUND MOTOR VEHICLE FROM AN APPROACHING WESTBOUND TRAIN UNTIL THE VEHICLE IS WITHIN A SHORT DISTANCE OF THE TRACK STRUCTURE.

CSX ATK	10/15/88	12:45 PM	PARKTON	NC	HIGHWAY-RAIL CROSSING	1	0	\$ 100
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
178	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		PASSENGER TRAIN	90	79 MPH
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

CR ATK	10/15/88	11:22 PM	PITTSBORO	IN	HIGHWAY-RAIL CROSSING	1	0	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
179	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED:		PASSENGER TRAIN	50	58 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	10/16/88	7:10 AM	HAYWOOD	SC	DERAILMENT	0	0	\$ 510,760
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
180			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	154	42 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	150		
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. BO 402092, A BOX CAR.								
BN	10/19/88	2:30 AM	RUSSELL	IA	DERAILMENT	0	0	\$ 540,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
181			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8578	45 MPH
				TIME TABLE				
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	23 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; AN OVERHEATED PLAIN BEARING ON CAR NO BN 516062, A HOPPER CAR.								
CSX	10/20/88	1:45 AM	FOSTORIA	OH	DERAILMENT	0	0	\$ 512,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
182			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	8200	25 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	21 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; AN OVERHEATED ROLLER BEARING ON CAR NO. DEEX 4067, A GONDOLA.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	10/22/88	3:50 AM	NORTON SHORES	MI	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
183			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X2088	0 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING								
CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.								

CSX ATK	10/23/88	11:45 AM	LOWELL	IN	HIGHWAY-RAIL CROSSING	1	2	\$ 350
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
184			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: PASSENGER TRAIN		317	77 MPH
				TIME TABLE				
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

CR	10/24/88	4:10 PM	CORRY	PA	DERAILMENT	0	1	\$ 14,850
			TYPE OF TRACK:	INDUSTRY				
			CLASS OF TRACK:	1				
185			METHOD OF OPERATION:	CARRIER RULES	MOVEMENTS INVOLVED: FREIGHT TRAIN		6717	UNK MPH
			EQUIPMENT DERAILED:	1 CAR(S)				
PROBABLE CAUSE: INEFFECTIVE HAND BRAKE ON TANK CAR NATX 72295.								

CONTRIBUTING FACTORS: CONDUCTORS FAILURE TO DETERMINE BY TRIAL THE EFFECTIVENESS OF THE HAND BRAKE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	10/24/88	11:15 AM	ALTAVISTA	VA	HIGHWAY-RAIL CROSSING	1	0	\$ 6,075
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
186		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		20V05	35 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CMNW	10/26/88	6:20 AM	PEARL	IL	DERAILMENT	0	0	\$ 170,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	1					
187		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3018	10 MPH
			TRACK PERMIT CONTROL SYSTEM					
		EQUIPMENT DERAILED:	13 CAR(S)					
PROBABLE CAUSE: DEFECTIVE RAIL; VERTICAL SPLIT HEAD.								
MP LA	10/26/88	4:29 AM	MORGANZA	LA	DERAILMENT	0	0	\$ 265,011
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
188		METHOD OF OPERATION:	TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		4003	25 MPH
			DIRECT TRAFFIC CONTROL					
		EQUIPMENT DERAILED:	14 CAR(S)					
PROBABLE CAUSE: TWO, ONE HUNDRED PERCENT BROKEN JOINT BARS								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	10/29/88	4:33 AM	KEATING	PA	DERAILMENT	0	0	\$ 258,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
189			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	2218	35 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	34 CAR(S)				
PROBABLE CAUSE: BROKEN RAIL; TRANSVERSE FISSURE IN THE 127 LB. CWR.								
ATSF	10/29/88	9:55 PM	SAN BERNARDINO	CA	HIGHWAY-RAIL CROSSING	2	0	\$ 2,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
190			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2739	68 MPH
				TIME TABLE		FREIGHT TRAIN	X5329	30 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
NW	10/29/88	11:12 AM	JACK	VA	DERAILMENT	0	0	\$ 501,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
191			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	50S25	36 MPH
			EQUIPMENT DERAILED:	35 CAR(S)				
PROBABLE CAUSE: JOURNAL FAILURE; OVERHHEATED ROLLER BEARING ON CAR NO. NW 4446.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	11/02/88	8:40 AM	CHANA	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 15,653
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
192	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X1980	60 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SP	11/02/88	4:40 AM	NEWCASTLE	CA	DERAILMENT	0	0	\$ 683,550
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
193	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6830	33 MPH
			TIME TABLE					
			DIRECT TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		23 CAR(S)					
	HAZARDOUS MATERIALS RELEASED:		YES		NUMBER EVACUATED:	600		
PROBABLE CAUSE: JOURNAL FAILURE; OVERHEATED ROLLER BEARING ON CAR NO. TRAX 1114.								
CSX	11/03/88	9:35 PM	GULFPORT	MS	HIGHWAY-RAIL CROSSING	2	0	\$ 300
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
194	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	R601	45 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	11/10/88	7:15 AM	LORDSBURG	NM	REAR-END COLLISION	0	4	\$ 620,500
	TYPE OF TRACK:		SIDING					
	CLASS OF TRACK:		2					
195	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	TU14L	20 MPH
			TIME TABLE			FREIGHT TRAIN	ESNXT	0 MPH
						FREIGHT TRAIN	AXAVT	5 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S)					
			6 CAR(S)					

PROBABLE CAUSE: FAILURE OF THE CREW TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

UP	11/11/88	7:55 AM	LAYTON	UT	HIGHWAY-RAIL CROSSING	2	0	\$ 2,000
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
196	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X9194	65 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

BN	11/14/88	10:40 AM	VALLEY CITY	ND	DERAILMENT	0	0	\$ 1,002,200
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
197	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X7819	44 MPH
			TIME TABLE					
			TRACK WARRANT CONTROL					
	EQUIPMENT DERAILED:		35 CAR(S)					

PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. GRDX 523, A GONDOLA.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NS	11/16/88	7:40 AM	GREENS FORK	IN	HIGHWAY-RAIL CROSSING	3	0	\$ 800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
198			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X6184	52 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

CSX	11/16/88	5:00 PM	CARARA	AL	OTHER	0	0	\$ 101,600
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
199			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		R6471	0 MPH
					CUT OF CAR(S)			10 MPH
			EQUIPMENT DERAILED:	6 CAR(S)				
PROBABLE CAUSE: FAILURE OF THE CREW OF TRAIN NO. R64715 TO APPLY SUFFICIENT NUMBER OF HAND BRAKES ON CARS LEFT STANDING ON MAIN TRACK.								

ATSF	11/17/88	7:50 AM	LUBBOCK	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 36
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
200			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3675	31 MPH
				TRAIN ORDERS				
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	11/18/88	6:45 AM	SAN ANTONIO	TX	OTHER	0	2	\$ 1,823,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
201			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RSPZ	0 MPH
				TRACK WARRANT CONTROL		CUT OF CAR(S)		30 MPH
				YARD LIMITS				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				35 CAR(S)				

PROBABLE CAUSE: THE FAILURE OF THE 11:00PM SWITCH CREW TO APPLY A SUFFICIENT NUMBER OF HAND BRAKES ON THE 93 CARS.

CONTRIBUTING FACTORS: THE FAILURE OF THE 11:30P.M. SWITCH CREW TO RESTORE THE DERAIL ON THE SWITCHING LEAD TO ITS NORMAL POSITION.

CR	11/18/88	8:00 AM	SOUTH BYRON	NY	DERAILMENT	0	0	\$ 204,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
202			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NFSE8	32 MPH
				TIME TABLE		FREIGHT TRAIN	BAL13	32 MPH
			EQUIPMENT DERAILED:	28 CAR(S)				

PROBABLE CAUSE: EXCESSIVE BUFF FORCES DUE TO AN UNDESIRED EMERGENCY BRAKE APPLICATION, RESULTING FROM A BURST AIR HOSE.

GTW	11/18/88	12:42 AM	HARVEY	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 1,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
203			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3843	58 MPH
				TIME TABLE				
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	11/18/88	5:15 AM	MINIDOKA	ID	DERAILMENT	0	0	\$ 1,142,948
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
204			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	3554	70 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	36 CAR(S)				
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. UPFE 452403, A BOX CAR.								
CSX	11/19/88	5:58 PM	HANCEVILLE	AL	DERAILMENT	0	0	\$ 942,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
205			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R5721	56 MPH
			EQUIPMENT DERAILED:	4 LOCOMOTIVE(S)				
				73 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	1000		
PROBABLE CAUSE: EXCESSIVE TRAIN SPEED IN THE CURVE, RESULTING IN OVERTURNING OF THE OUTER RAIL.								
BN	11/22/88	4:33 PM	BEREA	ND	HIGHWAY-RAIL CROSSING	6	2	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
206			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X1861	45 MPH
				TIME TABLE				
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTORS: DENSE FOG MAY HAVE CONTRIBUTED TO THE ACCIDENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	11/25/88	7:15 PM	MINEOLA	TX	DERAILMENT	0	2	\$ 953,460
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
207			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NOFW2	34 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	43 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	100		
PROBABLE CAUSE: A TORNADO STRUCK THE TRAIN.								

SOU	11/28/88	8:20 AM	MCDONOUGH	GA	HIGHWAY-RAIL CROSSING	2	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
208			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	M42	38 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

UP	11/30/88	3:45 AM	MINTHORN	OR	DERAILMENT	0	0	\$ 609,721
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
209			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3540	45 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	20 CAR(S)				
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. MP 711959, A COVERED HOPPER.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	12/01/88	6:55 AM	BELLAIRE JCT	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
210	METHOD OF OPERATION:		TIME TABLE	MOVEMENTS INVOLVED:		FREIGHT TRAIN	2H00A	10 MPH
			DIRECT TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
SOO	12/05/88	1:20 PM	MILTONA	MN	HIGHWAY-RAIL CROSSING	3	0	\$ 0
	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
211	METHOD OF OPERATION:		TIME TABLE	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X 941	40 MPH
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								
CR	12/06/88	6:20 AM	CARTERET	NJ	HIGHWAY-RAIL CROSSING	1	0	\$ 1,500
	TYPE OF TRACK:		SIDING					
	CLASS OF TRACK:		1					
212	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED:		LIGHT LOCO(S)	PR60	5 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING								
CONTRIBUTING FACTORS: FAILURE OF THE TRAIN CREW TO OPERATE THE LOCOMOTIVE CONSIST OVER THE GRADE CROSSING WITH THE LEADING LOCOMOTIVE HEADLIGHT ON HIGH BEAM AND THE WHISTLE AND BELL WARNING DEVICES SOUNDING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	12/06/88	4:20 PM	NORTH BALTIMORE	OH	HIGHWAY-RAIL CROSSING	2	3	\$ 50
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
213			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R371	43 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

UP	12/07/88	3:40 PM	HIGGINSON	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
214			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CHDAR	60 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.								

CSX	12/08/88	6:50 PM	BIG SANDY	KY	LOCOMOTIVE	0	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
215			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	T0030	0 MPH
			EQUIPMENT DERAILED:	NONE				
PROBABLE CAUSE: LOST FOOTING; OIL ON THE "R" SIDE LOCOMOTIVE WALKWAY RESULTED IN A FALL TO THE GROUND.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	12/11/88	2:05 PM	LYONS	ND	DERAILMENT	0	0	\$ 721,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
216			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8165	41 MPH
				TIME TABLE				
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	37 CAR(S)				
			PROBABLE CAUSE:	A BROKEN RAIL.				
SOU	12/13/88	8:05 AM	RAMSEY	IN	HIGHWAY-RAIL CROSSING	2	0	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
217			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6556	40 MPH
				TIME TABLE				
				TRAIN ORDERS				
			EQUIPMENT DERAILED:	NONE				
			PROBABLE CAUSE:	FAILURE OF THE VEHICLE OPERATOR TO STOP THE VEHICLE AT THE CROSSING.				
			CONTRIBUTING FACTORS:	A SNOW AND ICE COVERED HIGHWAY MAY HAVE BEEN A CONTRIBUTING FACTOR.				
ATSF	12/14/88	1:35 AM	FLAGSTAFF	AZ	DERAILMENT	0	0	\$ 733,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
218			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X5179	UNK MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	24 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	300		
			PROBABLE CAUSE:	FAILURE OF THE CREW OF EXTRA 5179 TO APPLY SUFFICIENT NUMBER OF HAND BRAKES TO CARS LEFT STANDING ON THE NORTH MAIN TRACK.				

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	12/15/88	5:55 PM	STANTON	MO	SIDE COLLISION	0	2	\$ 41,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
219		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8001	0 MPH
			TIME TABLE			FREIGHT TRAIN	X3063	39 MPH
		EQUIPMENT DERAILED:	NONE					

PROBABLE CAUSE: FALSE PROCEED SIGNAL INDICATION DUE TO RUSTY RAIL CONDITIONS. THE CABOOSE AND TTX CAR FAILED TO SHUNT THE TRACK CIRCUIT.

MRL	12/19/88	8:05 PM	BOZEMAN	MT	DERAILMENT	0	0	\$ 262,700
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	3					
220		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	7044	30 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	11 CAR(S)					

PROBABLE CAUSE: EXCESSIVE IN-TRAIN BUFF FORCES GENERATED BY DYNAMIC BRAKING AND TONNAGE DISTRIBUTION WITHIN THE TRAIN, RESULTING IN THE LEADING WHEELS OF CAR NO. DTTX 63145 TO LIFT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	12/19/88	9:05 PM	MONTCLAIR	CA	DERAILMENT	0	0	\$ 827,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	4					
221		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7501	58 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	29 CAR(S)					
		PROBABLE CAUSE:	A BROKEN NO. 1 SWITCH ROD.					
DRGW ATK	12/25/88	9:10 PM	ALLEN	CO	DERAILMENT	0	0	\$ 179,000
		TYPE OF TRACK:	MAIN					
		CLASS OF TRACK:	2					
222		METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		5	31 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	2 LOCOMOTIVE(S) 15 CAR(S)					
		PROBABLE CAUSE:	UNDETERMINED					
BN ATK	12/28/88	8:17 AM	CHICAGO	IL	DERAILMENT	0	0	\$ 70,000
		TYPE OF TRACK:	YARD					
		CLASS OF TRACK:	1					
223		METHOD OF OPERATION:	INTERLOCKING		MOVEMENTS INVOLVED: PASSENGER TRAIN		1236	5 MPH
			TIME TABLE					
		EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 1 CAR(S)					
		PROBABLE CAUSE:	UNDETERMINED					

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	12/31/88	3:05 AM	BAKER	AR	DERAILMENT	0	0	\$ 337,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
224			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01121	44 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	22		

PROBABLE CAUSE: FAILURE TO RELEASE THE HAND BRAKE ON THE "B" END OF TANK CAR NO.GATX 10526, RESULTING IN FLAT SPOTS AND TREAD BUILT-UP ON THE WHEELS OF THE "B" END TRUCKS.

U.S. Department
of Transportation

**Federal Railroad
Administration**

400 Seventh St., S.W.
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